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BOOK REVIEWS.

Modern Arithmetic. By BRUCE M. WATSON and CHARLES E. WHITE.
New York: D. C. Heath and Company. For *Upper Grades*, p. 302;
Intermediate, p. 254; *Primary*, p. 252.

These books not only lay out a complete and well-arranged course for the pupils, but they are also very suggestive to the teacher. The authors evidently realize the possibilities of games, relating the work to industries and other parts of the school's environment, and creating still other motives for arithmetical work.

They emphasize drill, but so vary it with thought work and applications that the teacher can hardly become merely a taskmaster.

The books merit examination by those introducing new texts in arithmetic.

Unified Mathematics. By L. C. KARPINSKI, H. Y. BENEDICT and I. W. CALHOUN. Boston: D. C. Hunt & Co. Pp. 522. \$2.80.

This new textbook in "Combined Mathematics" is particularly suitable for the courses of the S. A. T. C. because of its emphasis on: Computation—from the very beginning stress is laid upon computation, and the use of logarithms is continued throughout the work; Trigonometry—the essentials of trigonometry are treated thoroughly but concisely; Graphical Methods—constant practice is given in the use of coördinate paper such as is employed by engineers and at the proving grounds; Applications—particular attention is paid to problems dealing with projectiles, and the "mil," the artillery unit of angular measurement, is carefully explained.

Four Place Logarithmic and Trigonometric Tables, with Interest Tables.

By LOUIS C. KARPINSKI. Ann Arbor, Mich.: George Wahr. Pp. 30.
Price 30 cts.

These four-place tables are intended to increase speed and accuracy. They seem well devised for this purpose as the arrangement and type are both good. The size of the book makes it convenient to handle, and its price is low enough to make it available to many whose need does not justify an expensive set of tables.

Introductory Algebra Exercises. By WILLIAM BETZ. Published by the Board of Education, Rochester, N. Y. Pp. 73. Price 40 cts.

Mr. Betz has given us in the very interesting little book the introductory part of the algebra course as it has been worked out in the Rochester high schools. The book has many unusual and excellent features, but the introduction to the subject in which he explains why algebra is to be studied, is perhaps its best point.